```
CLUSTAL W 2.0 multiple sequence alignment


Q5VV13|Q5VV13_HUMAN          MALSFSLLMAVLVLSYKSICSLGCDLPQTHSLGNRRALILLGQMGRISPFSCLKDRHDFR 60
P01571|IFN17_HUMAN           MALSFSLLMAVLVLSYKSICSLGCDLPQTHSLGNRRALILLAQMGRISPFSCLKDRHDFG 60
Q14CS4|Q14CS4_HUMAN          MALSFSLLMAVLVLSYKSICSLGCDLPQTHSLGNRRALILLAQMGRISHFSCLKDRHDFG 60
P01567|IFNA7_HUMAN           MARSFSLLMVVLVLSYKSICSLGCDLPQTHSLRNRRALILLAQMGRISPFSCLKDRHEFR 60
P01568|IFN21_HUMAN           MALSFSLLMAVLVLSYKSICSLGCDLPQTHSLGNRRALILLAQMGRISPFSCLKDRHDFG 60
Q5VV12|Q5VV12_HUMAN          MALSFSLLMAVLVLSYKSICSLGCDLPQTHSLGNRRALILLAQMGRISHFSCLKDRYDFG 60
P01563|IFNA2_HUMAN           MALTFALLVALLVLSCKSSCSVGCDLPQTHSLGSRRTLMLLAQMRKISLFSCLKDRHDFG 60
Q86UP4|Q86UP4_HUMAN          ---------------------MCDLPQTHSLGSRRTLMLLAQMRKISLFSCLKDRHDFG 38
Q5VYQ3|Q5VYQ3_HUMAN          MALTFYLLVALVVLSYKSFSSLGCDLPQTHSLGNRRALILLAQMRRISPFSCLKDRHDFE 60
                                      *********  .**:*:**.** .** *******::*


Q5VV13|Q5VV13_HUMAN          IPQEEFDGNQFQKAQAISVLHEMIQQTFNLFSTEDSSAAWEQSLLEKFSTELYQQLNDLE 120
P01571|IFN17_HUMAN           LPQEEFDGNQFQKTQAISVLHEMIQQTFNLFSTEDSSAAWEQSLLEKFSTELYQQLNNLE 120
Q14CS4|Q14CS4_HUMAN          FPEEEFDGHQFQKTQAISVLHEMIQQTFNLFSTEDSSAAWEQSLLEKFSTELYQQLNDLE 120
P01567|IFNA7_HUMAN           FPEEEFDGHQFQKTQAISVLHEMIQQTFNLFSTEDSSAAWEQSLLEKFSTELYQQLNDLE 120
P01568|IFN21_HUMAN           FPQEEFDGNQFQKAQAISVLHEMIQQTFNLFSTKDSSATWEQSLLEKFSTELNQQLNDLE 120
Q5VV12|Q5VV12_HUMAN          FPQEVFDGNQFQKAQAISAFHEMIQQTFNLFSTKDSSAAWDETLLDKFYIELFQQLNDLE 120
P01563|IFNA2_HUMAN           FPQEEFGN-QFQKAETIPVLHEMIQQIFNLFSTKDSSAAWDETLLDKFYTELYQQLNDLE 119
Q86UP4|Q86UP4_HUMAN          FPQEEFGN-QFQKAETIPVLHEMIQQIFNLFSTKDSSAAWDETLLDKFYTELYQQLNDLE 97
Q5VYQ3|Q5VYQ3_HUMAN          FPQEEFDDKQFQKAQAISVLHEMIQQTFNLFSTKDSSAALDETLLDEFYIELDQQLNDLE 120
                             :*:* *.. ****:::*,.:****** ******:****: :::**::*  ** ****:**


Q5VV13|Q5VV13_HUMAN          ACVIQEVGVEETPLMNEDSILAVRKYFQRITLYLIERKYSPCAWEVVRAEIMRSLSFSTN 180
P01571|IFN17_HUMAN           ACVIQEVGMEETPLMNEDSILAVRKYFQRITLYLTEKKYSPCAWEVVRAEIMRSLSFSTN 180
Q14CS4|Q14CS4_HUMAN          ACVIQEVGVEETPLMNEDSILAVRKYFQRITLYLTEKKYSPCAWEVVRAEIMRSLSFSTN 180
P01567|IFNA7_HUMAN           ACVIQEVGVEETPLMNEDFILAVRKYFQRITLYLMEKKYSPCAWEVVRAEIMRSFSFSTN 180
P01568|IFN21_HUMAN           ACVIQEVGVEETPLMNVDSILAVKKYFQRITLYLTEKKYSPCAWEVVRAEIMRSFSLSKI 180
Q5VV12|Q5VV12_HUMAN          ACVTQEVGVEEIALMNEDSILAVRKYFQRITLYLMGKKYSPCAWEVVRAEIMRSFSFSTN 180
P01563|IFNA2_HUMAN           ACVIQGVGVTETPLMKEDSILAVRKYFQRITLYLKEKKYSPCAWEVVRAEIMRSFSLSTN 179
Q86UP4|Q86UP4_HUMAN          ACVIQGVGVTETPLMKEDSILAVRKYFQRITLYLKEKKYSPCAWEVVRAEIMRSFSLSTN 157
Q5VYQ3|Q5VYQ3_HUMAN          SCVMQEVGVIESPLMYEDSILAVRKYFQRITLYLTEKKYSSCAWEVVRAEIMRSFSLSIN 180
                             :** * **: * .**  * ****:**********  :***.*************:*:.*


Q5VV13|Q5VV13_HUMAN          LQKRLRRKD 189
P01571|IFN17_HUMAN           LQKILRRKD 189
Q14CS4|Q14CS4_HUMAN          LQKRLRRKD 189
P01567|IFNA7_HUMAN           LKKGLRRKD 189
P01568|IFN21_HUMAN           FQERLRRKE 189
Q5VV12|Q5VV12_HUMAN          LQKGLRRKD 189
P01563|IFNA2_HUMAN           LQESLRSKE 188
Q86UP4|Q86UP4_HUMAN          LQESLRSKE 166
```

```
Q5VYQ3|Q5VYQ3_HUMAN            LQKRLKSKE 189
                               ::: *: *:
```